



PREMIUM SHINGLES • The polymer improved shingle



>>> Monarch® (07) Dual Brown



Park Molenheide, Belgium



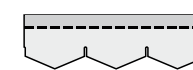
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Your Benefits:

- The polymer improved shingle
- Thicker and more flexible at low temperatures
- Resistant against extreme weather conditions
- Maximum durability due to APP modified bitumen



Monarch®



Monarch®-Diamant

Length (EN 544)	1000 mm (± 3)	1000 mm (± 3)
Width (EN 544)	336 mm (± 3)	284 mm (± 3)
Weight (slope > 25°)	± 12,4 kg/m ²	± 12 kg/m ²
Coverage/bundle	2,58 m ²	2,46 m ²
Shingles/bundle	18	22
Bundles/pallet	48	42

Granule adhesion (EN 12039)	max. 1,2 g	max. 1,2 g
Tensile length* (EN 12311-1)	1000 N/50 mm	1000 N/50 mm
Tensile width* (EN 12311-1)	600 N/50 mm	600 N/50 mm
Elongation length* (EN 12311-1)	3,50 %	3,50 %
Elongation width* (EN 12311-1)	3,50 %	3,50 %
Nail tear resistance* (EN 12310-1)	165 N	165 N
Flexibility at low temp. (EN 1110)	≤ -5 °C	≤ -5 °C
Heat resistance (EN 1110)	140 °C	140 °C

Fire resistance	DIN 4102/7	DIN 4102/7
External fire performance	B _{roof} T ₁	B _{roof} T ₁
Reaction to fire	Class E	Class E

* Registered average values.



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 The Shingles Expert

The information is subject to change without prior notice.

Consult our shingle overview leaflet or website www.iko.be for colour availability of the products and application instructions